

Claims

We claim:

1. One apparatus, called Personal Mobile Companion (*PMC*), allows the use of land-line house telephone or like device to carry out phone conversation that is originated in RF mode and aimed for mobile telephone or like device, as shown in **Fig. 1**.
2. One or more circuitry apparatus, as part of elements claimed in claim 1, to generate the ring tone sequence signal, upon activation by mobile telephone ring signal, shown in the block diagram of **Fig. 2C** with connection to mobile phone headphone outlet in order to activate the ringer in land-line telephone set.
3. One or more circuitry apparatus, as part of elements claimed in claim 1, to detect resistance variation caused by land-line telephone set in order to control power supply for generating ringer signal in land-line telephone set.
4. One or more circuitry apparatus, as part of elements claimed in claim 2, to transform ring tone signal from mobile phone onto the power supply needed for activating the clock signal generator circuitry claimed in claim 2.
5. A method of using an utility box to connect the analog signal output from mobile phone unit and convert it as the analog input needed for land-line telephone set to carry out phone conversation.
6. A method of using the claimed apparatus, or like device, to serve as the analog signal path for phone conversation on the caller side after the caller initiates number dialing to the receiving party and answered by the receiving party.
7. A method of applying the claimed apparatus in combination with a cordless telephone and its subset(s) within a specified, effective distance of the cordless telephone unit to carry out phone conversation without the use of house build-in land-line wiring.